SONY 3-859-292-11 (1)

FM/SW1-9/MW 11 Band Receiver

Operating Instructions
Manual de instrucciones
Istruzioni per l'uso (faccita opposta)
Manual de instruções (lado inverso)

ICF-SW12

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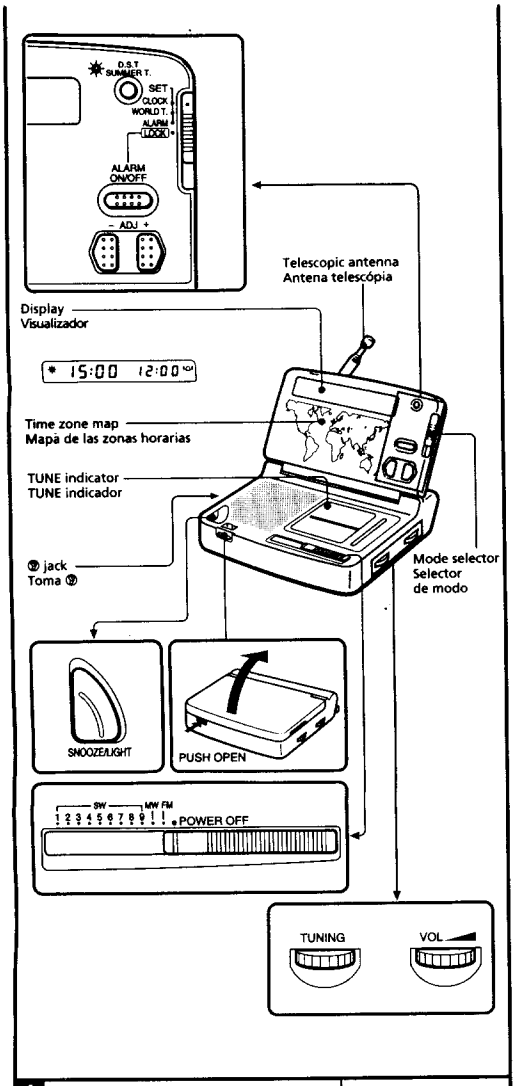
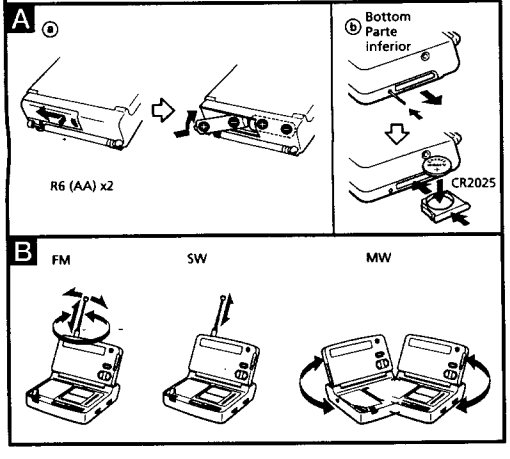




Owner's Record

The model number is located at the bottom and the serial number is located in the battery compartment. Record the serial number in the space provided below.

Model No. ICF-SW12
Serial No. _____

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

Before You Begin

Thank you for choosing the Sony receiver! It will give you many hours of reliable service and listening pleasure.
Before operating the receiver, please read these instructions thoroughly and retain them for future reference.

Features

FM/SW/MW World band receiver for travelers
- FM/SW 1-9/MW 11 band receiver with high sensitivity and selectivity
- Band spread system enables you to easily tune in SW stations
- Built-in alarm
- Summer time adjustment
- Built-in earphone jack
- Snooze function

Power Sources

Installing Batteries (See Fig. A–ⓐ)

1 While pressing the lid, slide it in the direction of the arrow.
2 Insert two R6 (size AA) batteries (not supplied) with correct polarity.

Battery life
Approx. 35 hours, using Sony batteries R6 (AA)

Replacing batteries
When the sound of the radio becomes distorted or unstable and the alarm sound is getting lower replace both R6 (size AA) batteries.

Note on dry battery
When the unit is not be used for a long period of time remove the batteries to avoid damage from battery leakage and corrosion.

Installing Lithium Battery for Clock Backup (See Fig. A–ⓑ)

1 Position the bottom of the radio upward and insert a tip of a ballpoint pen or something equivalent into the hole next to the lithium battery compartment and push.
The battery holder comes out.
2 Insert the battery with the flat (+) side facing upwards, then insert the compartment until it is locked in position.

Lithium battery life
Approx. 1 year of clock operation, using Sony CR 2025 lithium battery

Replacing lithium battery
When the display becomes dim, replace the CR2025 lithium battery.

Note
You cannot listen to the radio by only installing a lithium battery. You should use two R6 (size AA) batteries (not supplied).

Notes on batteries
- Keep the lithium battery out of reach of children. Should the battery be swallowed, immediately consult a doctor.
- Wipe the battery with a dry cloth to assure good contact.
- Be sure to install the battery in the correct polarity position.
- Do not hold the battery with metallic tweezers, as doing so may cause a short-circuit.
- Do not break up the battery or throw it into a fire, which might cause it to explode.
Carefully dispose of the used battery.

CAUTION
Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the equipment manufacture. Discard used batteries according to manufacture's instructions.

To change the display to the daylight saving time (summer time) indication

Press **D.S.T./SUMMER T.**
The ☀ mark appears in the display and the time indication changes to summer time.

To cancel the summer time indication, press **D.S.T./SUMMER T.** again.

Operating the Radio

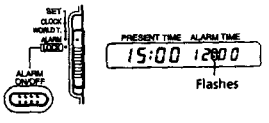
1 Select a desired band (**FM, SW1-9** or **MW**).
2 Tune in a station using the **TUNING**. **TUNE** (tuning indicator) lights up when a station is tuned in.
3 Adjust the volume using **VOL** (volume).

- To turn off the radio, set to **POWER OFF**.

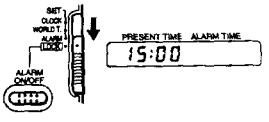
To improve radio reception (See Fig. B)
FM: Extend the telescopic antenna for better reception.
SW: Stand the telescopic antenna vertically.
MW: Rotate the unit horizontally for optimum reception.
A ferrite bar antenna is built into the unit.

Setting the Alarm

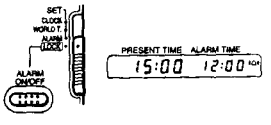
1 Set the mode selector to **ALARM**.



2 Press the **ADJ** + or – to set the alarm time.
3 Set mode selector to **LOCK**.



4 Press **ALARM ON/OFF**.



(When alarm is set, the alarm time appears in the display. If you press **ALARM ON/OFF** again, the alarm time is disappeared and is canceled.)

- The alarm sound will come on at the preset time and will automatically turn itself off after about 60 minutes, unless it is turned off manually.
- To stop the alarm sound, press **ALARM ON/OFF**.

To wake to the alarm sound at the same time the next day.
Press **ALARM ON/OFF** again. The time set yesterday will show up in the display.

To doze for a few more minutes, press SNOOZE/LIGHT.
The alarm will shut off, but will come on again after about 9 minutes. You can repeat this process six times at the most in an hour.

Setting the Clock

The display will show a 12:00 (noon) indication when the CR2025 lithium battery is first installed.

1 Set the mode selector to **WORLD T.**
2 Press **ADJ +** or **–** to choose the area to which you want to set the time.

(For example, if you want to set the time to 8:15 AM in Tokyo, move the ▼ mark to the "+9" position.)

3 Set the mode selector to **CLOCK** and press **ADJ +** or **–** to set the time.
When **ADJ +** or **–** is held down, the minute digits advance rapidly.
The hour digits advance one by one when the minute digits advance to "00" after "59".
4 Set the mode selector to **ALARM** or **LOCK**. The " : " mark stops flashing and the clock will now start.

Note

If you remove the lithium battery after setting the clock, the memory will be canceled. Set the clock again.

Note on LOCK function

Normally, set the mode selector to **LOCK** so that **ADJ +** and **–** do not function. This enables you to avoid misoperation.

To set the time to the second

In step 4, set the mode selector to **ALARM** or **LOCK** simultaneously with the radio or telephone time signal.

To Check the Local Time of the Desired Time Zone

The numbers above and below the time zone map indicate the time differences from the UTC (Universal Time Coordinated) position. For example, the time difference in Tokyo is +9 hours.
The light grey areas indicate special time zones. These areas maintain special time differences (written beside them).

Example: To check the local time in New York.
Set the mode selector to **WORLD T.** and press **ADJ +** or **–** to move the ▼ mark to the "–5" position.

If you want to know the local time and the difference in time in 30 minute units, add it to the present time (or subtract it from the present time). (For example, if the difference in time is five hours and 30 minutes, move the ▼ mark to the "+5" position and add 30 minutes to the displayed time.

Notes

- The buzzer sound level cannot be adjusted.
- If the radio is on and earphone is connected to the Ⓟ jack, the buzzer alarm is heard from both the speaker and earphone.
- If the radio is off and the earphone is connected to the Ⓟ jack, the buzzer alarm is heard only from the speaker.
- The "🔔" mark flashes in the display at the preset alarm time.

Lighting the Display –Light Function

Press **SNOOZE/LIGHT**:
The display lights up for about 10 seconds.

Precautions

Before operating the unit, be sure to install the CR2025 clock battery.

- Operate the unit on the following power sources:
  Radio: 3V DC, two R6 (size AA) batteries.
  Clock: 3V DC, one CR2025 lithium battery.
- Do not leave the unit in a location near heat sources, or in a place subject to direct sunlight, excessive dust, or mechanical shock, or in a car with its windows closed.
- Should any solid object or liquid fall into the unit, remove the batteries and have it checked by qualified personnel before operating it any further.
- When the casing becomes soiled, clean it with a soft cloth dampened with a mild detergent solution. Never use abrasive cleansers or chemical solvents, as they may mar the casing.
- Since a strong magnet is used for the speaker, keep personal credit cards with magnetic coding or spring- wound watches away from the unit to prevent them from possible damage caused by the magnet.
- In vehicles or in buildings, radio reception may be difficult or noisy. Try listening near a window.

If you have any questions or problems concerning your unit, please consult your nearest Sony dealer.

Specifications

Time display
24-hour system
Frequency range
FM: 87.5 – 108 MHz
SW1: 4.750 – 5.060 MHz (60 meter band)
SW2: 5.900 – 6.200 MHz (49 meter band)
SW3: 7.100 – 7.350 MHz (41 meter band)
SW4: 9.400 – 9.990 MHz (31 meter band)
SW5: 11.600 – 12.100 MHz (25 meter band)
SW6: 13.570 – 13.870 MHz (22 meter band)
SW7: 15.100 – 15.800 MHz (19 meter band)
SW8: 17.480 – 17.900 MHz (16 meter band)
SW9: 21.450 – 21.750 MHz (13 meter band)
MW: 530 – 1,605 kHz
Speaker
Approx. 4.5 cm (1 13/16 inches) dia.
Power output
100 mW (at 10% harmonic distortion)
Output
Ⓟ jack (minijack)
Power requirements
Radio: 3V DC, two R6 (size AA) batteries
Clock: 3V DC, one CR 2025 lithium battery
Dimensions
Approx. 111 x 30.5 x 80.3 mm (w/h/d)
(4 3/8 x 1 1/4 x 3 1/4 inches) incl. projecting parts and controls (with the lid closed)
Mass
Approx. 233 g (8.2 oz.) incl. batteries
Accessory supplied
Sony CR 2025 lithium battery (1)
Short wave guide (1)

Design and specifications are subject to change without notice.